

**AMENDMENTS TO THE ABSTRACT**

Please substitute the following paragraph for the abstract now appearing in the currently filed specification:

A method and system for effectively identifying an incoming peak traffic situation in an elevator system is provided. To allow faster detection of a peak traffic condition, use is made of both information obtained from traditional peak hour identification and history data obtained from statistics regarding the numbers of passengers. Traditional peak hour identification monitors the car weight and the number of calls in real time. Statistics provide information regarding typical rush hours in the building. In the method of the present invention, the number of passengers gathering on the lobby floor is forecast on the basis of statistics at the moment when the next elevator is at the lobby floor, ready to take in passengers. When the forecast number of passengers exceeds the car load threshold value for traditional peak hour identification, an incoming peak traffic mode can be activated reliably already on the basis of a single peak elevator.